

Fill & Test Pump

Challenger Model FT-835



Standard Components

- **Caterpillar 3056TA Diesel Engine:**
165 hp
- **Wheatley-Gaso T365M Triplex Piston Pump**
2.0 inch diameter plungers
- **Peerless 6AE12 Centrifugal Pump**
Single stage
- **60 Gallon Fuel Tank**
- **Skid Mounted—8 inch wide Flange I Beam Engine includes:**
 - Electric start, alternator & batteries.
 - Murphy Instrument panel.
 - Twin Disc power take-off
 - Automatic shut-offs for high water temp/low oil pressure
- Triplex Piston Pump Includes:**
 - 1 3/8 inch plungers
 - 2.5 inch NPT female connection on suction port.
 - 2.0 inch NPT female connection on discharge port.
 - Ductile iron fluid end.
 - Stroke counter.
- Centrifugal Pump Includes:**
 - 15 inch impeller, 6 inch suction, 4 inch discharge.
 - Double suction/dual volute and horizontally split casing for long life and ease of maintenance.

PERFORMANCE—TEST

- 28 GPM @ 3,120 psi (max.)
(6.36 m³/hr. @ 221.4 bar)
1 3/8 inch plunger
- 63 GPM @ 1,515 psi (max.)
(14.31 m³/hr. @ 104.5 bar)
2.0 inch plunger

PERFORMANCE—FILL

- 1,600 GPM @ 167 feet of head
(362 m³/hr.)
- 800 GPM @ 224 feet of head
(182 m³/hr.)

OPTIONS

- Pressure and temperature**
- Dead Weight Tester**
- High head fill pump**
- Trailer Mounted**
- Gould 3410M centrifugal pump**

Dimensions

Length	118 inches	2,997 mm
Width	86 inches	2184 mm
Height	57 inches	1,448 mm
(exhaust pipe & muffler removed)		
Weight	5,600 pounds	2,540 kg
Cubic Volume	334 cu. ft.	9.5 cu. meters